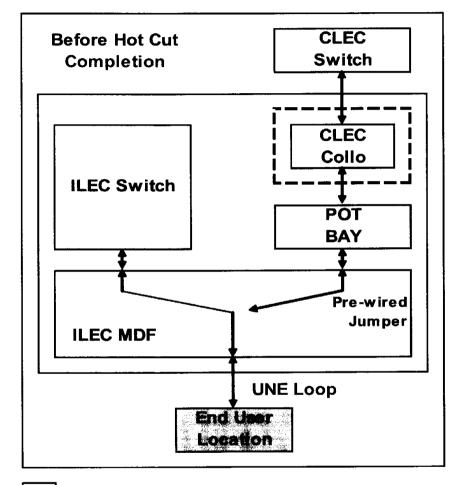
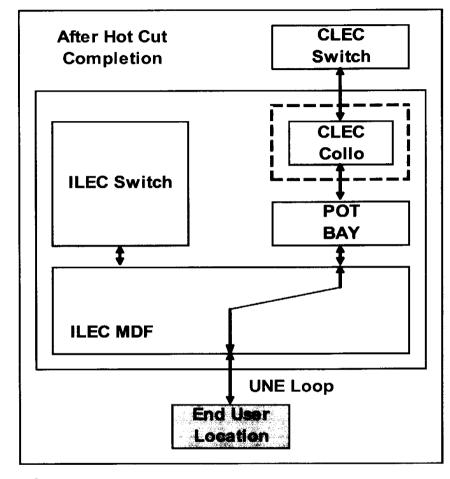
#### **Verizon Hot Cut Process Schematic**





ILEC Equipment

CLEC Equipment

Central Office

**Permanent Central Office Wiring** 

**ILEC Jumper** 

**CLEC Jumper** 

_			

#### Verizon Basic Hot Cut Process Flow End user wants Application Date Post Frame Due Application Date **Due Date Minus Due Date** move Plus Time End User contacts CLEC sends LSR The VZ disconnect VZ LNP trigger RCCC obtains VZ completes CLEC to move indicating Hot Cut and CLEC connect sets advising "Go/No Go" from order, frame existing service via LSI or EDI. CLEC, providing orders flow to NPAC that the TN removes old from VZ to CLEC LSRs complying RCMAC / RCCC will be ported to a direction to Frame jumpers, and with existing (The order will new service force and if ensures that VZ **Business Rules** appear in the provider. (The applicable the field translations are either flow through Wholesale CLEC's porting technician. If the removed from the automatically to Provisionina message to NPAC CLEC cannot VZ switch. facility assignment Tracking System should also be proceed, they are or fall to NMC for (WPTS) at this generated and asked to submit a potential time, thus the their dial tone supplemental LSR processing. CLEC can view should be on their moving or WPTS to ensure collocation facility canceling the that all the assignment.) request. The VZ information on the disconnect order is order is accurate.) pushed out. CLEC checks If NMC can create The RCCC Frame runs a If Go, the tech CLEC refers any Customer Service order from LSR it reviews the order jumper from the (frame or field if post-conversion Information (CSI does so, otherwise to ensure accuracy **CLEC** collocation IDLC) once again trouble for or CSR) for order is queried (e.g., facilities facility assignment verifies dial tone (if maintenance features and other back to CLEC for match on to the loop the line is busy, information to additional disconnect and appearance on the they will wait until it facilitate clarification or connect orders.) MDF. The tech is idle) and negotiation with information. If an The RCCC verifies VZ and completes the cut CLEC TNs. If the end user. order is created advises the frame by lifting the VZ **CLEC decides** (via flow through of the need to prethere are any jumper and whether to use or NMC) a wire and issues with the replacing it with existing facility or confirmation (LSC, eventually cut the CLEC assignment the CLEC's. Once order new loop. LSRC, or FOC) is loop to the CLEC. (NDT), the CLEC this is finished the returned to the If the loop is is advised. RCCC and CLEC CLEC. Order due served by IDLC, are notified. At date established. the RCCC advises this time the CLEC the field dispatch will activate their organization that port, moving the they will need to TN from the VZ Order goes to the In an IDLC send a tech out to switch to their assignment step. condition, the the Serving Area switch. If the If there appears to Frame tech will Interface to **CLEC encounters** be an issue with wire the CLEC complete the cut. any troubles, they the CLEC collo facility to the might ask for VZ to facility, it is alternate loop. A put everything into referred back to field tech is the pre-cut the CLEC for dispatched to the condition (a Serving Area correction or throwback or clarification. If Interface ("SAI") to snapback) IDLC is present, ensure that the the APC selects alternate loop is an alternate facility working, if not they if one is readily look for a new available. loop.

#### Verizon Large Job Hot Cut Process Flow

#### CLEC decides on a Project

CLEC decides that they want to move a large quantity of lines (UNE-P. Retail, etc.) to UNE-Loop in a specific Central Office or collocation cage. CLEC prepares to submit LSRs for each line with a unique identifier. CLEC contacts VZ to negotiate details (dates, places, etc.)

#### **Application Date Application Date** Plus

CLEC sends LSR indicating Project Hot Cut via EDI or WISE. LSRs complying with existing Business Rules either flow through automatically to facility assignment or fall to NMC for potential processing.

The VZ disconnect and CLEC connect orders flow to RCMAC / RCCC / Frame, All prepare for processing of the Project on the predetermined dates, scheduling their respective forces as necessary.

#### **Due Date Minus**

VZ LNP trigger sets advising NPAC that the TN will be ported to a new service provider. (The CLEC's porting message to NPAC should also be generated and their dial tone should be on their collocation facility assignment.)

#### Due Date

RCCC obtains "Go/No Go" from CLEC for all of the scheduled orders. providing direction to Frame force. If a unique order cannot be processed on the scheduled date, it is pushed to the "fallout" date.

#### Post Frame Due Time

VZ completes order, frame removes old jumpers, and ensures that VZ translations are removed from the VZ switch.

CLEC refers any post-conversion trouble for maintenance

If NMC can create order from LSR it does so, otherwise order is queried back to CLEC for additional clarification or information. If an order is created (via flow through or NMC) a confirmation (LSC, LSRC, or FOC) is returned to the CLEC.

Order goes to the assignment step. If there appears to be an issue with the CLEC collo facility, it is referred back to the CLEC for correction or clarification.

The RCCC reviews the order to ensure accuracy (e.g., facilities match on disconnect and connect orders.) The RCCC advises the frame of the need to prewire and eventually cut the loop to the CLEC. If the loop is served by IDLC,

the RCCC will pull the order out of the project, handling it under the Basic process (i.e., The RCCC advises the field dispatch organization that they will need to send a tech out to the Serving Area Interface (SAI) to complete the cut.

Frame runs a jumper from the **CLEC** collocation facility assignment to the loop appearance on the MDF for all orders in the Project. The tech verifies VZ and CLEC TNs. If there are any issues with the **CLEC** assignment (NDT), the CLEC is advised.

If Go, the frame tech once again verifies dial tone (if the line is busy, they will wait until it is idle) and completes the cut by lifting the VZ jumper and replacing it with the CLEC's. Once a predetermined number of cuts are finished the RCCC and CLEC are notified. At this time the CLEC will activate their port, moving the TN from the VZ switch to their switch. If the CLEC encounters any troubles, they might ask for VZ to put everything into the pre-cut condition (a

throwback or

snapback)

,**		

#### **Verizon Batch Hot Cut Process Flow**

## End user wants move

End User contacts CLEC to move existing service from VZ to CLEC. (NOTE: Multiple CLECs will be able to use the Batch Hot Cut Process.)

#### **Application Date**

CLECs send LSR indicating a Batch Hot Cut via EDI or LSI. LSRs complying with Business Rules either flow through automatically to facility assignment or fall to NMC for potential processing.

## Application Date Plus

**Batch Hot Cut** orders will be given a future due date, otherwise they will flow as normal Hot Cut orders as described in the Basic Hot Cut process. If, during the Assignment Step. it is discovered that the loop is served by IDLC, it will be removed from the Batch process and handled as per the Basic process.

#### **Due Date Minus**

The CLEC is advised of the cut date via WPTS and instructed to create their porting message to NPAC. (The VZ LNP trigger will be set as with the Basic process.) The CLEC also needs to ensure that their dial tone is on their collocation facility assignment prior to the cut date.

#### Due Date

The CO tech completes the cuts scheduled for this particular date using the same process as the Basic and Project Hot Cuts. As they proceed the tech will complete the orders in the appropriate system that, in turn, activates the port to the CLEC's switch. WPTS is also updated with the cut status. If any problems are discovered at this time the cut will not be completed.

CLECs check CSI / CSR for features and other information to facilitate negotiation with the end user. CLECs decide which Hot Cut process to use at this time. (If the CLECs decide to take advantage of the Batch Hot Cut transitional Platform-like offering, the process will be identical to the current, widelyused UNE-P ordering process. This process must be complete before the Batch Hot Cut order can be submitted.)

If NMC can create order from LSR it does so, otherwise order is queried back to CLEC for additional clarification or information. If an order is created (via flow through or NMC) a confirmation (LSC, LSRC, or FOC) is returned to the CLEC.

WPTS will accumulate orders on a CO-by-CO basis for batch processing. The RCCC and CO will monitor this accumulation process. The CO will schedule their force as needed based on volume in "busy" offices or due dates in "slow" offices. This process will determine the actual cut date. Once the work is assigned, the frame tech will lay it out in the most efficient fashion.

The CLEC will give the "Go / No Go" via WPTS. The RCCC will verify that all parties are ready to move forward with the cuts. If a **CLEC** cannot proceed, they are asked to submit a supplemental LSR moving or canceling the request. The VZ disconnect order is pushed out as with the Basic Process.

All post-Due Date activities are identical to those of the Basic and Project Hot Cut processes.

·		

Month		NY								***			
			1		CT		RI			MA			
	NUM	DEN	PERF	NUM	DEN	PERF	NUM	DEN	PERF	NUM	DEN	PERF	
Jan-00	3214	3311	97.07										
Feb-00	2636	2717	97.02							518	525	98.67	
Mar-00	5989	6083	98.45							749	754	99.34	
Apr-00	4949	5036	98.27					1		673	676	99.56	
May-00	7819	7905	98.91		NA NA					760	772	98.45	
Jun-00	6443	6512	98.94		NA.					1338	1343	99.63	
Jul-00	3167	3220	98.35	9	10	90.00				1340	1351	99.19	
Aug-00	661	1181	55.97	26	39	66.67				445	545	81.65	
Sep-00	4430	5114	86.62	3	8	37.50				1665	2237	74.43	
Oct-00	4522	4644	97.37		<del></del>	NA				1575	1671	94.26	
Nov-00	4208	4292	98.04	26	26	100.00				1678	1716	97.79	
Dec-00	6807	6878	98.97	3	3	100.00				2034	2061	98.69	
Jan-01	2550	2650	96.23	1	1	100.00	485	492	98.58	1780	1813	98,18	
Feb-01	4062	4137	98.19	3	3	100.00	290	292	99.32	1780	1804	98.67	
Mar-01	6267	6344	98.79	1	2	50.00	397	404	98.27	2136	2158	98.98	
Apr-01	3893	3954	98.46	4	4	100.00	226	230	98.26	1389	1399	99.29	
May-01	4010	4058	98.82	22	22	100.00	434	451	96.23	1854	1893	97.94	
Jun-01	6558	6634	98.85	13	13	100.00	479	483	99.17	2432	2459	98.9	
Jul-01	3138	3196	98.19	52	52	100.00	536	542	98.89	1792	1826	98.14	
	4547	4634	98.12	30	31	96.77	421	425	99.06	1758	1783	98.6	
Aug-01	4205	4373	96.16	14	14	100.00	415	429	96.74	2382	2430	98.02	
Sep-01	4078	4294	94.97	23	23	100.00	422	424	99.53	1513	1556	97.24	
Oct-01							264	267		1026	1044	98.28	
Nov-01	4542	4624	98.23	34	34	100.00 94.74		324	98.88 98.46	1026	NA.	90.20	
Dec-01	7284	7357	99.01	18	19	100.00	319		99.44	1012	1019	00.31	
Jan-02	3296	3373	97.72	14	14		357	359		602	604	99.31 99.67	
Feb-02	3505	3544	98.90	16	16	100.00	211	216	97.69	612	615	99.51	
Mar-02	5013	5071	98.86	9	9	100.00	199	205	97.07			98.88	
Apr-02	3593	3623	99.17	8	8	100.00	199	200	99.50	531	537 5 <b>5</b> 7		
May-02	2914	2946	98.91	4	4	100.00	174	178	97.75	554		99.46	
Jun-02	3365	3411	98.65	5	5	100.00	165	166	99.40	634	634	100	
Jul-02	1972	1992	99.00	3	3	100.00	146	146	100.00	610	613	99.51	
Aug-02	1992	2012	99.01	1	1	100.00	169	170	99.41	567	570	99,47	
Sep-02	1091	1118	97.58	7	7	100.00	167	167	100.00	533	535	99.63	
Oct-02	1626	1654	98.31	4	5	80.00	159	159	100.00	662	669	98.95	
Nov-02	1093	1113	98.20	6	6	100.00	99	99	100.00	636	643	98.91	
Dec-02	1725	1775	97.18	4	4	100.00	169	170	99.41	1420	1427	99.51	
Jan-03	790	814	97.05	12	12	100.00	140	141	99.29	565	570	99.12	
Feb-03	765	771	99.22	. 4	4	100.00	108	110	98.18	508	510	99.61	
Mar-03	1220	1241	98.31	6	- 6	100.00	136	136	100.00	584	587	99.49	
Apr-03	2028	2041	99.36	3	3	100.00	148	148	100.00	1475	1481	99.59	
May-03	1211	1227	98.70	8	8	100.00	117	117	100.00	462	464	99.57	
Jun-03	1326	1341	98.88	20	20	100.00	116	118	98.31	621	623	99.68	
Jul-03	2275	2289	99.39	4	4	100.00	112	113	99.12	478	482	99.17	
Aug-03	721	736	97.96	10	10	100.00	103	107	96.26	441	448	98.44	
Sep-03	705	721	97.78	15	16	93.75	83	83	100.00	673	678	99.26	
Oct-03	2015	2025	99.51	10	11	90.91	103	103	100.00	701	703	99.72	
Nov-03	855	862	99.19	6	6	100.00	81	81	100.00	802	803	99.88	
Dec-03	813	833	97.60	3	3	100.00	71	72	98.61	927	937	98.93	
Jan-04	815	835	97.60	4	5	80.00	61	62	98.39	1083	1089	99.45	
Feb-04	571	580	98.45	7	7	100.00	78	78	100.00	527	527	100.00	
Mar-04	642	656	97.87	11	12	91.67	62	62	100.00	418	423	98.82	
Apr-04	658	677	97.19	21	21	100.00	83	83	100.00	493	495	99.60	
May-04	665	681	97.65	13	13	100.00	59	60	98.33	324	329	98.48	
Jun-04	748	767	97.52	10	11	90.91	91	92	98.91	357	360	99.17	
Jul-04	532	547	97.26	8	8	100.00	51	51	100.00	264	268	98.51	

<sup>\*</sup>The metric numbers in NJ are PR-9-01-3114 and PR-6-02-3112.
\*\* PR-6-02-3520 was not a C2C metric in PA until April 2003.

PR-9-01-3520	(On Time	Installation)				Page 2 of 8						
		NH			ME			VT			DC	
Month	NUM	DEN	PERF	NUM	DEN	PERF	NUM	DEN	PERF	NUM	DEN	PERF
Jan-00				L								
Feb-00			1									
Mar-00											ļ	
Apr-00						<u> </u>						
May-00			!								l	
Jun-00												
Jul-00								L			L	
Aug-00			1									
Sep-00												
Oct-00			↓								<u> </u>	
Nov-00												
Dec-00									<u> </u>		ļ	<u> </u>
Jan-01												
Feb-01											L	<u> </u>
Mar-01	<b>22</b> 5	237	94.94					NA				
Apr-01	140	145	96.55					NA			L	
May-01	452	456	99.12	159	161	98.8		NA NA				
3un-01	344	353	97.45	162	162	100	1	1	100			
Jul-01	335	344	97.38	161	161	100	2	2	100	L	L	
Aug-01	383	386	99.22	271	273	99.27	1	1	100			
Sep-01	375	386	97.15	110	115	95.65	3	3	100			
Oct-01	364	372	97.85	142	144	98.61	5	5	100			<u></u>
Nov-01	263	267	98.5	127	128	99.22	22	22	100			
Dec-01	282	285	98.95	140	140	100	13	13	100			
Jan-02	249	251	99.2	128	129	99.22	27	27	100	38	40	95.00
Feb-02	186	188	98.94	200	200	100	11	11	100	34	36	94.44
Mar-02	227	232	97.84	117	117	100	33	33	100	69	69	100.00
Apr-02	220	223	98.65	84	84	100	56	56	100	93	96	96.88
May-02	258	262	98.47	182	182	100	79	80	98.75	61	61	100.00
Jun-02	241	242	99.59	192	195	98.46	51	52	98.08	42	42	100.00
Jul-02	213	213	100	137	137	100	53	54	98.15	39	39	100.00
Aug-02	183	185	98.92	113	113	100	51	52	98.08	28	29	96.55
Sep-02	235	235	100	125	131	95.42	75	78	96.15	36	39	92.31
Oct-02	277	285	97.16	142	143	99.3	83	83	100	62	62	100.00
Nov-02	167	168	99.4	121	121	100	51	52	98.08	43	44	97.73
Dec-02	151	154	98.05	87	89	97.75	44	46	95.65	35	35	100.00
Jan-03	186	191	97.38	86	87	98.85	51	52	98.08	27	28	96.43
Feb-03	138	138	100.00	113	114	99.12	51	55	92.73	26	27	96.30
Mar-03	181	183	98.91	89	90	98.89	54	54	100.00	29	30	96.67
Apr-03	170	172	98.84	96	98	97.96	53	53	100.00	26	27	96.30
May-03	127	129	98.45	90	90	100.00	52	52	100.00	20	20	100.00
Jun-03	138	141	97.87	76	79	96.20	48	49	97.96	18	18	100.00
Jul-03	150	150	100.00	72	75	96.00	24	26	92.31	17	17	100.00
Aug-03	139	140	99.29	89	92	96.74	35	35	100.00	32	32	100.00
Sep-03	139	139	100.00	48	49	97.96	41	44	93.18	24	25	96.00
Oct-03	102	102	100.00	88	88	100.00	41	41	100.00	53	54	98.15
Nov-03	110	110	100.00	68	69	98.55	48	48	100.00	20	21	95.24
Dec-03	160	162	98.77	75	77	97.40	43	44	97.73	14	14	100.00
Jan-04	109	109	100.00	57	57	100.00	38	38	100.00	8	8	100.00
Feb-04	136	137	99.27	47	49	95.92	37	37	100.00	7	7	100.00
Mar-04	141	141	100.00	79	79	100.00	69	70	98.57		8	87.50
Apr-04	142	145	97.93	58	58	100.00	74	74	100.00	14	14	100.00
May-04	165	166	99.40	123	123	100.00	34	34	100.00	6	6	100.00
Jun-04	134	136	98.53	79	79	100.00	33	33	100.00	11	11 27	100.00
Jul-04	118	119	99.16	53	54	98.15	45	45	100.00	27		100.00

<sup>\*</sup>The metric numbers in NJ are PR-9-01-3114 and PR-6-02-3112.
\*\* PR-6-02-3520 was not a C2C metric in PA until April 2003.

		PA			VA			WV			NO	
Month	NUM	DEN	PERF	NUM	DEN	PERF	NUM	DEN	PERF	NUM	DEN	PERF
Jan-00			1									
Feb-00	1542	1639	94.08									
Mar-00	2131	2204	96.69									
Apr-00	1815	1886	96.24									
1ay-00	2253	2326	96.86						-			
Jun-00	1993	2099	94.95							295	317	93.06
Jul-00	1645	1706	96.42							340	364	93.41
\ug-00	379	542	69.9	265	410	64.63				101	191	52.88
Sep-00	1414	2935	48.18	1530	2725	56.15			-	348	473	73.57
Oct-00	1682	1974	85.208	1679	2026	82.89				408	454	89.87
Nov-00	1454	1595	91.16	223301	250500	89.14				503	558	90.14
Dec-00	1623	1767	91.851	2837	3095	91.66				542	594	91.25
	2595	2686	96.61	3931	4162	94.45				799	851	93.89
Jan-01	1983	2061	96.22	4091	4540	90.11		<del></del> -		991	1050	94.38
Feb-01				3823	4201					1162	1214	95.72
Mar-01	3309	3418	96.81		2902	91.00 92.87		L		1044	1104	95.72
Apr-01	3104	3190	97.30	2695	3337		<u> </u>	L		1254	1333	94.07
4ay-01	2915	2996	97.30	3178		95.24			-		995	
Jun-01	2572	2643	97.31	3233	3467	93.25				957		96.18
Jul-01	2457	2529	97.15	2996	3110	96.33				810	855	94.74
Aug-01	2380	2431	97.90	3421	3573	95.75				852	880	96.82
Sep-01	2205	2244	98.26	3001	3099	96.84				708	731	96.85
Oct-01	2761	2795	98.78	3044	3114	97.75				1269	1293	98.14
lov-01	2469	2499	98.80	2632	2686	97.99	389	394	98.73	938	951	98.63
ec-01	2072	2100	98.67	2595	2644	98.15	314	319	98.43	577	588	98.13
lan-02	2120	2149	98.65	2852	2919	97.71	256	262	97.71	417	429	97.20
eb-02	2804	2826	99.22	2578	2614	98.62	282	285	98.95	421	431	97.68
1ar-02	2425	2454	98.82	2464	2502	98.48	314	317	99.05	372	381	97.64
pr-02	2963	3009	98.47	2860	2900	98.62	296	301	98.34	375	385	97.40
ay-02	2586	2617	98.82	2754	2778	99.14	265	267	99.25	361	367	98.37
un-02	2568	2599	98.81	1662	1686	98.58	170	172	98.84	<i>7</i> 18	725	99.03
ul-02	2879	2912	98.87	1330	1349	98.59	248	252	98.41	443	448	98.88
ug-02	1644	1673	98.27	1261	1285	98.13	208	215	96.74	408	423	96.45
Sep-02	1137	1165	97.60	945	960	98.44	176	178	98.88	190	193	98.45
Oct-02	816	831	98.19	490	498	98.39	158	161	98.14	277	283	97.88
Nov-02	589	602	97.84	359	373	96.25	163	164	99.39	251	259	96.91
Dec-02	789	809	97.53	380	390	97.44	229	232	98.71	186	197	94.42
an-03	678	695	97.55	457	477	95.81	217	220	98.64	176	183	96.17
eb-03	630	650	96.92	704	725	97.10	201	209	96.17	131	134	97.76
Mar-03	842	857	98.25	835	848	98.47	295	299	98.66	1 <b>8</b> 6	191	97.38
Apr-03	878	887	98.99	723	738	97.97	230	231	99.57	191	196	97.45
May-03	713	739	96.48	587	601	97.67	208	210	99.05	178	182	97.80
Jun-03	862	878	98.18	672	688	97.67	216	218	99.08	107	109	98.17
Jul-03	1094	1113	98.29	634	644	98.45	154	154	100.00	133	138	96.38
Aug-03	895	903	99.11	727	754	96.42	188	191	98.43	111	114	97.37
Sep-03	1175	1187	98.99	861	890	96.74	213	217	98.16	125	127	98.43
	1410	1423	99.09	841	915	91.91	249	250	99.60	154	158	97.47
Oct-03	724	734	98.64	826	839	98.45	192	196	97.96	322	331	97.28
Nov-03			97.61	745	751	99.20	187	191	97.91	461	477	96.65
Dec-03	981	1005	98.89	503	510	98.63	228	231	98.70	303	310	97.74
Jan-04	1510	1527			672		225	230	97.83	133	133	100.00
Feb-04	852	862	98.84	663		98.66		235	98.30	165	168	98.21
Mar-04	913	926	98.60	549	562	97.69	231		98.98	144	145	99.31
Apr-04	1018	1022	99.61	678	683	99.27	292	295			117	98.29
May-04	842	856	98.36	1193	1215	98.19	266	270	98.52	115 OF		
Jun-04	676	687	98.38	731	741	98.65	206	209	98.56	95	95	100.00
Jul-04	599	617	97.08	490	500	98.00	259	262	98.85	62	63	98.41

<sup>\*</sup>The metric numbers in NJ are PR-9-01-3114 and PR-6-02-3112.
\*\* PR-6-02-3520 was not a C2C metric in PA until April 2003.

PR-9-01-3520	(On Time	Installation)		Page 4 of					
		DE			MD	PERF			
Month	NUM	DEN	PERF	NUM	DEN	PERF			
Jan-00									
Feb-00									
Mar-00	<del>-</del>								
Apr-00	<del></del>								
May-00									
Jun-00									
)ul-00									
Aug-00									
Sep-00					_				
Oct-00						<del></del>			
Nov-00	L								
Dec-00									
Jan-01		. —							
Feb-01									
Mar-01									
Apr-01									
May-01									
Jun-01									
Jul-01			ļ						
Aug-01									
Sep-01	40	40	100						
Oct-01	31	32	96.88						
Nov-01	45	47	95.75						
Dec-01	77	80	96.25						
Jan-02	201	203	99.02						
Feb-02	251	252	99.6						
Mar-02		NA	NA.						
Apr-02	386	395	97.72						
May-02	377	384	98.18						
Jun-02	184	189	97.35	1670	1683	99.23			
Jul-02	310	314	98.73	783	806	97.15			
Aug-02	159	160	99.38	682	689	98.98			
Sep-02	105	106	99.06	542	549	98.72			
Oct-02	63	65	96.92	343	351	97.72			
Nov-02	35	35	100	268	271	98.89			
Dec-02	42	44	95.45	277	287	96.52			
Jan-03	41	43	95.35	205	209	98.09			
Feb-03	53	54	98.15	245	255	96.08			
Mar-03	82	85	96.47	519	536	96.83			
Apr-03	90	93	96.77	416	422	98.58			
May-03	67	70	95.71	403	408	98.77			
Jun-03	86	88	97.73	607	616	98.54			
Jul-03	119	119	100.00	715	723	98.89			
Aug-03	87	90	96.67	576	590	97.63			
Sep-03	88	90	97.78	608	617	98.54			
Oct-03	216	220	98.18	566	575	98.43			
Nov-03	226	227	99.56	329	342	96.20			
Dec-03	165	166	99.40	360	365	98.63			
Jan-04	228	232	98.28	281	283	99.29			
Feb-04	214	216	99.07	1151	1162	99.05			
Mar-04	133	138	96.38	823	837	98.33			
Apr-04	296	300	98.67	747	753	99.20			
May-04	108	111	97.30	557	563	98.93			
Jun-04	124	125	99.20	784	794	98.74			
Jul-04	81	81	100.00	696	704	98.86			

<sup>\*</sup>The metric numbers in NJ are PR-9-01-3114 and PR-6-02-3112. \*\* PR-6-02-3520 was not a C2C metric in PA until April 2003.

		NY	··········		टा			RI			MA	
Month	NUM	DEN	PERF	NUM	DEN	PERF	NUM	DEN	PERF	NUM	DEN	PER
Jan-00	13	10941	0.12	NUM	DEN	PERF	NUM	DEN	PERF			
Feb-00	30							<u> </u>		8	1505	0.53
		7594	0.40							10	1166	0.86
Mar-00	46	14322	0,32							9	2385	0.30
Apr-00	34	12572	0.27				ļ			18	2171	0.8
May-00	7 7	17955	0.04		NA.			ļ	ļ	21	2719	0.7
Jun-00	23	14532	0.16		NA NA	L				19	3535	0.5
Jul-00	27	8166	0.33	0	49	0.00	<u> </u>			27	3013	0.9
Aug-00	12	3690	0.33	0	127	0.00		ļ		9	3130	0.2
Sep-00	36	12420	0.29	0	30	0.00	ļ			67	5851	1.1
Oct-00	53	11322	0.47		N/A		L		ļ	39	6851	0.5
Nov-00	30	10224	0.29		NA					23	3896	0.5
Dec-00	29	15561	0.19	0	3	0.00				23	6558	0.3
Jan-01	72	8690	0.83	0	3	0.00	6	1178	0.51	23	5753	0.4
Feb-01	53	11372	0.46	0	9	0.00	5	1135	0.44	31	6419	0.4
Mar-01	49	16274	0.30	0	2	0.00	11	1194	0.92	27	7105	0.3
Apr-01	26	11501	0.23	0	10	0.00	3	987	0.29	14	4657	0.3
May-01	31	11957	0.26	0	81	0.00	3	1025	0.29	32	5228	0.6
Jun-01	56	19771	0.28	1	24	4.17	0	1066	0.00	39	7434	0.5
Jul-01	35	10392	0.34	0	200	0.00	15	1798	0.83	30	6390	0.4
Aug-01	60	13541	0.44	1	103	0.97	6	1596	0.38	29	5587	0.5
Sep-01	66	12926	0.51	0	74	0.00	5	982	0.51	26	6929	0.3
Oct-01	88	13090	0.67	0	113	0.00	6	1642	0.37	22	5979	0.3
Nov-01	65	11114	0.58	0	102	0.00	5	1044	0.48	18	4114	0.4
Dec-01	97	16100	0.60	0	145	0.00	6	879	0.68	24	3299	0.7
Jan-02	52	8821	0.59	0	105	0.00	3	1141	0.26	18	3686	0.4
Feb-02	44	9270	0.47	0	46	0.00	5	955	0.52	12	3035	0.4
Mar-02	81	11685	0.69	2	46	4.35	11	1663	0.66	39	4819	0.8
Apr-02	60	7995	0.75	1	25	4.00	6	1192	0.50	29	4132	0.7
May-02	75	6915	1.08	0	10	0.00	4	999	0.40	28	2879	0.9
Jun-02	109	8530	1.28	0	19	0.00	6	740	0.81	22	3635	0.6
Jul-02	75	5031	1.49	0	7	0.00	3	518	0.58	18	2272	0.7
Aug-02	76	5465	1.39	0	6	0.00	3	617	0.49	24	2198	1.0
Sep-02	44	3287	1.34	1	19	5.26	8	549	1.46	22	2848	0.7
Oct-02	41	4745	0.86	0	18	0.00	3	565	0.53	20	1735	1.1
Nov-02	40	3330	1.20	1	47	2.13	3	285	1.05	24	1709	1.4
Dec-02	35	4869	0.72	0	15	0.00	1	371	0.27	14	3509	0.4
Jan-03	54	2480	2.18	1	99	1.01	3	351	0.85	17	1446	1.1
Feb-03	16	2198	0.73	O	22	0.00	11	324	0.31	21	1384	1.5
Mar-03	37	3261	1.13	1	38	2.63	11	381	0.26	24	1809	1.3
Apr-03	57	4354	1.31	0	22	0.00	4	411	0.97	21	2859	0.7
May-03	37	2658	1.39	1	28	3.57	5	322	1.55	18	1128	1.6
Jun-03	32	2730	1.17	0	97	0.00	3	317	0.95	8	1521	0.5
Jul-03	22	3997	0.55	1	22	4.55	1	338	0.30	15	1159	1.2
Aug-03	15	1659	0.90	0	42	0.00	4	243	1.65	12	1113	1.0
Sep-03	6	1811	0.33	0	74	0.00	3	254	1.18	21	1676	1.2
Oct-03	58	5961	0.97	0	39	0.00	0	297	0.00	6	1693	0.3
Nov-03	36	2223	1.62	0	33	0.00	1	208	0.48	14	1405	1.0
Dec-03	14	1626	0.86	0	14	0.00	4	279	1.43	18	1455	1.2
Jan-04	12	1511	0.79	0	14	0.00	2	165	1.21	14	1632	0.8
Feb-04	13	1457	0.89	0	35	0.00	1	238	0.42	15	1200	1.2
Mar-04	21	1620	1.30	0	62	0.00	1	167	0.60	10	1051	0.9
Apr-04	19	1669	1.14	2	73	2.74	3	234	1.28	8	924	0.8
May-04	24	1592	1.51	1	124	0.81	2	164	1.22	9	870	1.0
Jun-04	14	1644	0.85	1	54	1.85	0	273	0.00	9	772	1.1
Jul-04	10	1140	0.88	1	43	2.33	1	171	0.58	5	567	0.8

<sup>\*</sup>The metric numbers in NJ are PR-9-01-3114 and PR-6-02-3112. \*\* PR-6-02-3520 was not a C2C metric in PA until April 2003.

	(Installation							Page 6 of				
Month	NUM	NH DEN	PERF	NUM	ME DEN	PERF	NUM	DEN	PERF	NUM	DEN	PERF
Jan-00	NUM	DEN	PER	NOM	DEN	PERF	NUM_	DEN	FERI	NUM	DEN	PER
Feb-00	<del> </del>								-			+
Mar-00	<del></del>		<del> </del>									<del> </del>
Apr-00	<del>                                     </del>											-
May-00	<del></del>								<del></del>			<del> </del>
Jun-00	} <del> </del>		<del>                                     </del>	<b>!</b>		<del></del>			<del> </del> -	<del>}</del>		<del> </del>
Jul-00	<del></del>		<del> </del>			<del> </del> -				<del>                                     </del>		<del>                                     </del>
Aug-00	<del></del>		<del>                                     </del>			<del> </del>			<del></del>	<del> </del>		+
Sep-00	<b></b>		<del>                                     </del>						<del> </del>	<del> </del>		+
Oct-00			<del>                                     </del>								<del>                                     </del>	<del>†                                      </del>
Nov-00	<del>                                     </del>		<del> </del>									†
Dec-00	<del>                                     </del>	· <del></del> -				_						<b>†</b>
Jan-01	<del>                                     </del>								<del> </del>			1
Feb-01	<del>  </del>											
Mar-01	2	909	0.22					NA	1			1
Apr-01	2	581	0.34					NA				
May-01	6	1180	0.51	1	362	0.28		NA.				1
Jun-01	1	1314	0.08	0	391	0	0	1	0			1
Jul-01	4	1049	0.38	2	439	0.46	0	3	0			1
Aug-01	6	1070	0.56	0	621	0	0	14	0			
Sep-01	9	1317	0.68	3	342	0.88	0	3	0			
Oct-01	6	1168	0.51	3	440	0.68	0	18	0			T
Nov-01	3	978	0.31	1	405	0.25	0	36	0			
Dec-01	4	959	0.42	1	363	0.28	0	17	0			
Jan-02	5	1242	0.4	0	458	0	0	49	0	Ð	174	0.00
Feb-02	2	762	0.26	1	518	0.19	1	21	4.76	0	190	0.00
Mar-02	4	1396	0.29	1	460	0.22	0	54	0	0	345	0.00
Apr-02	3	1276	0.24	4	288	1.39	1	76	1.32	1	463	0.22
May-02	6	1053	0.57	2	492	0.41	0	98	0	3	328	0.91
)un-02	7	1189	0.59	3	550	0.55	1	73	1.32	7	345	2.03
Jul-02	4	1725	0.23	0	_386	0	1	72	1.39	1	289	0.35
Aug-02	19	680	2.79	3	353	0.85	0	73	0	4	197	2.03
Sep-02	4	907	0.44	3	522	0.57	0	125	0	0	158	0.00
Oct-02	3	815	0.37	10	490	2.04	1	112	0.89	2	305	0.66
Nov-02	7	506	1.38	4	315	1.27	1	81	1.23	2	260	0.77
Dec-02	4	364	1.1	2	257	0.78	0	73	0	2	249	0.80
Jan-03	2	467	0.43	4	252	1.59	4	121	3.31	1	112	0.89
Feb-03	3	357	0.84	2	305	0.66	1	110	0.91	0	103	0.00
Mar-03	3	480	0.63	1	233	0.43	1	105	0.95	1	169	0.59
Apr-03	9	462	1.95	2	253	0.79	5	89	5.62	1	138	0.72
May-03	6	369	1.63	0	239	0.00	1	148	0.68	1	138	0.72
Jun-03	2	278	0.72	3	185	1.62	0	70	0.00	2	95	2.11
Jul-03	4	415	0.96	6	196	3.06	2	44	4.55	0	74	0.00
Aug-03	6	342	1.75	0	188	0.00	1	47	2.13	1	136	0.74
Sep-03	3	308	0.97	1	124	0.81	1	55	1.82	0	59	0.00
Oct-03	0	237	0.00	0	215	0.00	0	60	0.00	0	156	0.00
Nov-03	1	234	0.43	1	144	0.69	0	78	0.00	1_1_	105	0.95
Dec-03	7	346	2.02	4	190	2.11	0	68	0.00	1	53	1.89
Jan-04	3	181	1.66	1	106	0.94	0	60	0.00	0	43	0.00
Feb-04	3	296	1.01	1	123	0.81	0	47	0.00	0	45	0.00
Mar-04	6	387	1.55	1	163	0.61	1	105	0.95	2	38	5.26
Apr-04	2	314	0.64	2	123	1.63	0	98	0.00	0	44	0.00
May-04	4	400	1.00	3	319	0.94	1	52	1.92	0	15	0.00
Jun-04	1	284	0.35	2	256	0.78	1	48	2.08	0	29	0.00
Jul-04	1	238	0.42	2	169	1.18	1	61	1.64	0	90	0.00

<sup>\*</sup>The metric numbers in NJ are PR-9-01-3114 and PR-6-02-3112.
\*\* PR-6-02-3520 was not a C2C metric in PA until April 2003.

		PA		Ī	VA			WV			NJ	
Month	NUM	DEN	PERF	NUM	DEN	PERF	NUM	DEN	PERF	NUM	DEN	PE
Jan-00												
Feb-00	<del></del>											<del>                                     </del>
Mar-00	<del> </del>						<u> </u>				<del>                                     </del>	$\vdash$
Арг-00	<del>}                                    </del>		<del>                                     </del>		<del></del>		<del>                                     </del>				-	<del>                                     </del>
May-00	<del> </del>	<del></del>			<del></del>	h					<del> </del>	├
Jun-00	<del> </del>		<del>                                     </del>								UD	-
Jul-00	<del> </del>		<del> </del>	<b></b>	<del></del>		<del></del>				UD	<del>  i</del>
Aug-00	<del> </del>		<del> </del>	<b> </b>			<del> </del>					
Sep-00	<del>                                      </del>	<del></del>	<del> </del>	ļ	<del> </del>					0	42	0
Oct-00	<del> </del>		<del> </del>		<del> </del>		ļ <u></u>	<del></del>	<del></del>	0	1156	0
Nov-00	<del> </del>		<del> </del>					<u> </u>		3	1554	0
	<del>                                      </del>		<b></b>	<b></b>	<b></b>					0	225	0
Dec-00	<del> </del>		<b></b>		<u> </u>		<u> </u>			3	903	0
Jan-01							L			3	907	0
Feb-01	<b>.</b>									4	667	Ö
Mar-01	<b></b>		1							2	812	0
Apr-01					L		L			1	735	0
May-01	1									2	812	0
Jun-01	1		Ĭ	1						2	1083	0
Jul-01				I						6	2012	0
Aug-01	1	_				1				11	4134	0
Sep-01	1				-					5	2188	0
Oct-01	1									23	4556	ō
Nov-01	<b></b>						2	986	0.20	23	6325	ō
Dec-01	<del> </del>				·		0	842	0.00	27	8713	ő
Jan-02	1		<del> </del>		<del> </del>		1	737	0.14	22	11918	ő
Feb-02	1			1	3962	0.03	ō	728	0.00	38	9852	ŏ
Mar-02				Ō	3716	0.00	<del>- 5</del> -	852	0.00	50	7789	Τŏ
Apr-02	1			0	4138	0.00	1	865	0.12	63	9728	ŏ
May-02	<del> </del>			27	4109	0.66	- 2	797	0.12	86	10293	l ö
Jun-02	1		f	27	2995	0.90	3	525	0.57	72	12582	ŏ
	<del>-</del>									95	33244	
Jul-02				14	2309	0.61	2	698	0.29			0
Aug-02	<u> </u>	·····		19	2370	0.80	5	547	0.91	285	55056	Ö
Sep-02	<b></b>			15	1946	0.77	4	433	0.92	431	77104	0
Oct-02	ļ			14	1161	1.21	6	415	1.45	481	91955	0
Nov-02				10	967	1.03	9	437	2.06	571	91278	0
Dec-02				4	1101	0.36	- 8	488	1.64	510	73254	0
Jan-03				11	927	1.19	7	595	1.18	24	1183	2
Feb-03				11	1117	0.98	1	514	0.19	9	955	0
Mar-03				20	1394	1.43	3	622	0.48	24	1172	2
Apr-03	17	2212	0.77	29	1464	1.98	2	520	0.38	19	1298	1
May-03	17	1669	1.02	16	1088	1.47	2	505	0.40	35	1581	2
Jun-03	24	1860	1.29	14	1170	1.20	3	502	0.60	12	933	1
Jul-03	20	2354	0.85	13	1159	1.12	3	366	0.82	18	1048	1
Aug-03	26	1675	1.55	12	1148	1.05	7	418	1.67	23	1044	2
Sep-03	17	1966	0.86	13	1280	1.02	3	452	0.66	9	1022	ō
Oct-03	14	2292	0.61	19	1290	1.47	4	604	0.66	15	1004	1
Nov-03	10	1489	0.67	10	1160	0.86	1	505	0.20	18	1189	1
Dec-03	12	1639	0.73	15	1105	1.36	3	440	0.68	29	1710	1
Jan-04	29	2126	1.36	9	762	1.18	2	522	0.38	24	1371	1
								519	0.58	22	984	2
Feb-04	16	1460	1.10	8	966	0.83	3					1
Mar-04	18	1775	1.01	11	966	1.14	2	595	0.34	21	1255	
Apr-04	17	1615	1.05	7	1068	0.66	4	667	0.60	22	1095	2
May-04	18	1486	1.21	17	1574	1.08	4	626	0.64	21	1104	1
Jun-04	11	1532	0.72	11	1029	1.07	5	389	1.29	22	852	2
Jul-04	14	1601	0.87	11	775	1.42	5	598	0.84	17	793	2

<sup>\*</sup>The metric numbers in NJ are PR-9-01-3114 and PR-6-02-3112. \*\* PR-6-02-3520 was not a C2C metric in PA until April 2003.

PR-6-02-3520	(Installation		Page 8 of 8			
Manual		DE	T		MD	
Month	NUM	DEN	PERF	NUM	DEN	PERF
Jan-00	<del> </del>		<del> </del>			
Feb-00 Mar-00		ļ	ļ		ļ	
	<b>.</b>		ļ	ļ		
Apr-00	ļ		<b></b>			
May-00			<del> </del>			
Jun-00	<u> </u>					
Jul-00	ļ		<u> </u>			
Aug-00	ļ		<u> </u>			
Sep-00			<u> </u>			
Oct-00	<u> </u>					
Nov-00						
Dec-00				L		
3an-01	ļ				L	
Feb-01	<u> </u>					
Mar-01	<u> </u>					
Apr-01	<u> </u>					
May-01						
Jun-01	<u> </u>					
Jul-01						
Aug-01						
Sep-01						
Oct-01						
Nov-01						
Dec-01			]			
Jan-02						
Feb-02	1					
Mar-02						
Apr-02						
May-02	1					·
Jun-02				32	3150	1.02
Jul-02	3	356	0.84	13	1868	0.70
Aug-02	1	232	0.43	10	1788	0.56
Sep-02	3	217	1.38	9	1527	0.59
Oct-02	2	159	1.26	6	1283	0.47
Nov-02	2	92	2.17	3	800	0.38
Dec-02	1	62	1.61	5	927	0.54
Jan-03	0	117	0.00	7	691	1.01
Feb-03	0	83	0.00	7	666	1.05
Mar-03	3	137	2.19	8	1148	0.70
Apr-03	1	187	0.53	6	816	0.74
May-03	5	171	2.92	4	882	0.45
Jun-03	5	120	4.17	13	951	1.37
Jul-03	ŏ	199	0.00	9	1260	0.71
Aug-03	1	136	0.74	2	872	0.23
Sep-03	2	128	1.56	6	866	0.69
Oct-03	3	278	1.08	3	882	0.34
Nov-03	4	251	1.59	4	526	0.76
Dec-03	3	209	1.44	8	707	1.13
Jan-04	3	289	1.04	5	559	0.89
Feb-04	2	291	0.69	11	1347	0.82
Mar-04	5	226	2.21	<del>- ;</del>	1154	0.61
Apr-04	7 7	341	2.05	5	988	0.51
May-04	<u> </u>	186	0.54	6	749	0.80
Jun-04	3	173	1.73	9	984	0.91
Jul-04 Jul-04	- 6	117	0.00	4	950	0.42
JUITOT		11/	0.00		330	U.74

<sup>\*</sup>The metric numbers in NJ are PR-9-01-3114 and PR-6-02-3112.
\*\* PR-6-02-3520 was not a C2C metric in PA until April 2003.

## **EXHIBIT 6**

**REDACTED – FOR PUBLIC INSPECTION** 





## EXHIBIT 7

REDACTED - FOR PUBLIC INSPECTION



## Before the FEDERAL COMMUNICATIONS COMMISSION Washington, D.C. 20554

In the Matter of	)	
Unbundled Access to Network Elements	)	WC Docket No. 04-313
	)	
Review of the Section 251 Unbundling	)	CC Docket No. 01-338
Obligations of Incumbent Local Exchange	)	
Carriers	)	

Declaration of William E. Taylor Regarding Hot Cuts On Behalf of Verizon

October 4, 2004

# DECLARATION OF WILLIAM E. TAYLOR REGARDING HOT CUTS ON BEHALF OF VERIZON

#### I. Introduction

#### A. Background and Qualifications

- 1. My name is William E. Taylor. I am Senior Vice President of National Economic Research Associates, Inc., head of its Communications Practice, and head of its Cambridge office located at One Main Street, Cambridge, Massachusetts 02142.
- 2. I have been an economist for over thirty years. I earned a Bachelor of Arts degree from Harvard College in 1968, a Master of Arts degree in Statistics from the University of California at Berkeley in 1970, and a Ph.D. from Berkeley in 1974, specializing in Industrial Organization and Econometrics. For the past twenty-five years, I have taught and published research in the areas of microeconomics, theoretical and applied econometrics and telecommunications policy at academic and research institutions including the Economics Departments of Cornell University, the Catholic University of Louvain in Belgium, and the Massachusetts Institute of Technology. I have also conducted research at Bell Laboratories and Bell Communications Research, Inc. I have appeared before state and federal legislatures, testified in state and federal courts, and participated in telecommunications regulatory proceedings before state public utility commissions, as well as the Canadian Radio-television Telecommunications Commission, the Mexican Federal Telecommunications Commission and the New Zealand Commerce Commission. I have also filed studies before the Federal Communications Commission on numerous occasions. In 2003-2004, I testified on the subject of hot cuts in state proceedings in New York, Massachusetts, Rhode Island, New Jersey, Pennsylvania, Maryland, Washington, D.C., Florida and California.